

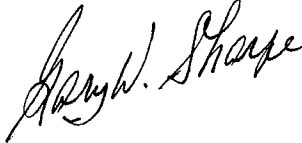
## DESIGN MEMORANDUM NO. 4-04

TO: Chief District Engineers  
Design Engineers  
Active Consultants

FROM: Gary W. Sharpe, P.E.  
Director  
Division of Highway Design

DATE: February 4, 2004

SUBJECT: Pavement Design Guidelines



The Highway Design Manual continues to undergo extensive revision. As the final draft of each chapter is complete, it will be released as a Design Memorandum so as to implement that specific policy, procedure, or criteria as soon as possible.

This specific Design Memorandum deals with the procedural aspects of development, review, and approval of pavement designs. A copy of these guidelines can be obtained from the Division of Highway Design's Web page at <http://www.kytc.state.ky.us/design/designmanual/>. Please note that these guidelines **do not address the structural design procedures** currently addressed in Design Memorandum No. 6-99. Guidelines for structural design of pavements are being revised and will be addressed by separate document.

These guidelines outline policies determining who designs a pavement structure, who approves the design and the accepted practices for specific pavement conditions. Included are some exhibits that may be used for reference during the design process, including exhibits on weight factors for paving material, example pavement details, and typical edge keys/tapering of overlays.

Effective with this memorandum, these guidelines should be utilized for all new projects or for existing projects that have not advanced beyond the Preliminary Line and Grade stage. Plans, Design Executive Summaries, Plan Submittals, etc., should reflect the new policy.

Projects that have advanced beyond Preliminary Line and Grade, but will be let to contract prior to July 1, 2004, may use the criteria and features from the previous Highway Design Manual. However, it is allowable to use any of the policy written in these guidelines of the upcoming Highway Design Manual for these type projects if necessary or desired by the Project Manager/Project Team.

Projects let to contract after July 1, 2004, must comply with these guidelines unless otherwise approved by the Director of Highway Design.

Any questions regarding this memorandum should be directed to this office.

GWS:JDJ:JQ:JAD